

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|--|------------------|---------|---------------------|
| L1 | 1036 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L2 | 530 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L3 | 527 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L4 | 421 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L5 | 704 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L6 | 538 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L7 | 602 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L8 | 640 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L9 | 151 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L10 | 521 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L11 | 157 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |

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| L12 | 1145 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L13 | 878 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L14 | 679 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L15 | 2674 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L16 | 1909 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L17 | 983 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| L18 | 465 | (L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17) and @pd>="20100126" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/15 12:03 |
| S1 | 0 | (elevator or elevators) with (traffic or use) with (pattern or patterns) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:40 |
| S2 | 3 | (elevator or elevators) with (traffic or use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/21 18:45 |
| S3 | 90 | (elevator or elevators) with (traffic or use) with (pattern or patterns) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:41 |
| S4 | 218 | (elevator or elevators) same (tensile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/19 16:15 |
| S5 | 0 | (pattern or patterns) near2 (use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:22 |
| S6 | 0 | "pattern of use" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:20 |

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| S7 | 1 | (pattern or patterns) with (use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:24 |
| S8 | 1474297 | pattern or patterns | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:21 |
| S9 | 1 | (pattern or patterns) same (use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:21 |
| S10 | 549 | use | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:22 |
| S11 | 0 | (pattern or patterns) near2 ("use") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:23 |
| S12 | 549 | "use" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:23 |
| S13 | 2 | ("20040117654").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:26 |
| S14 | 0 | pattern with use | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:27 |
| S15 | 0 | pattern with "use" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:27 |
| S16 | 0 | pattern with use | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/20 13:40 |
| S17 | 13 | (US-5745533-S or US-4064971-S or US-6653943-S or US-6247359-S or US-5821430-S or US-5182779-S or US-4434873-S).did. or (US-20020194935-S or US-20030011483-S).did. or (JP-06305649-S or JP-2003104656-S or JP-2003137484-S).did. or (GB-2231689-S).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2004/11/03 12:19 |

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|-----|----|---|---|----|----|------------------|
| S18 | 5 | ((US-5745533-\$ or US-4064971-\$ or US-6653943-\$ or US-6247359-\$ or US-5821430-\$ or US-5182779-\$ or US-4434873-\$).did. or (US-20020194935-\$ or US-20030011483-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$).did.) and (sheave or sheaves) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/03 13:09 |
| S19 | 0 | ((US-5745533-\$ or US-4064971-\$ or US-6653943-\$ or US-6247359-\$ or US-5821430-\$ or US-5182779-\$ or US-4434873-\$).did. or (US-20020194935-\$ or US-20030011483-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$).did.) and (sheave or sheaves) and (mean or means or average or averages) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/03 13:09 |
| S20 | 1 | ((US-5745533-\$ or US-4064971-\$ or US-6653943-\$ or US-6247359-\$ or US-5821430-\$ or US-5182779-\$ or US-4434873-\$).did. or (US-20020194935-\$ or US-20030011483-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$).did.) and (mean or means or average or averages) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/03 13:09 |
| S21 | 14 | (predict or predicts or predicting or predicted or prediction or predictions) same ((elevator or elevators) with (rope or ropes or cable or cables)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 13:56 |
| S22 | 59 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:25 |

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| S23 | 551 | (rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:18 |
| S24 | 3 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:18 |
| S25 | 11 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:21 |
| S26 | 5418 | (elevator or elevators or lift or lifts) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:22 |
| S27 | 769 | (elevator or elevators or lift or lifts) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:22 |
| S28 | 499 | (elevator or elevators or lift or lifts) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:23 |

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|-----|-----|---|--|----|----|---------------------|
| S29 | 276 | (elevator or elevators)) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:23 |
| S30 | 276 | (elevator or elevators)) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:31 |
| S31 | 361 | (elevator or elevators)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:23 |
| S32 | 21 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 15:54 |
| S33 | 21 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:26 |
| S34 | 72 | (rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:29 |

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|-----|----|--|---|----|-----|------------------|
| S35 | 0 | ((rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/04 17:29 |
| S42 | 23 | (US-20020160667-S or US-20020194935-S or US-2003001119-S or US-20030011483-S).did. or (US-4064971-S or US-4434873-S or US-5182779-S or US-5745533-S or US-5804964-S or US-5821430-S or US-5932852-S or US-5945594-S or US-6133731-S or US-6247359-S or US-6364062-S or US-6422089-S or US-6653943-S or US-6662660-S or US-6752029-S).did. or (JP-06305649-S or JP-2003104656-S or JP-2003137484-S).did. or (GB-2231689-S).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2004/11/20 15:51 |
| S43 | 5 | S42 and (resistance or resistances) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 15:51 |
| S44 | 57 | (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations with (sheave or sheaves)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:29 |
| S46 | 16 | (otis and elevator).asn. and ((sheave or sheaves) with (alignment or alignments or misalignments or alignment)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S47 | 69 | (otis and elevator).asn. and ((sheave or sheaves) with (alignment or alignments or misalignments or alignment or contact or contacts)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:29 |
| S48 | 2 | ("5921352").PN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/20 16:14 |

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| S49 | 25 | (william and veronesi).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:30 |
| S50 | 0 | (hootsman).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:29 |
| S51 | 0 | (hootsman).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:29 |
| S52 | 66 | ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) and (otis and elevator).asn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 16:59 |
| S53 | 0 | (otis and elevator).asn. and "bend cycles" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:00 |
| S54 | 0 | (otis and elevator).asn. and "bend cycle" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:00 |
| S55 | 99 | "bend cycle" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:00 |
| S56 | 0 | "bend cycle" and (elevator or elevators) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:00 |
| S57 | 26 | ((bend or bends or bending or bent) near (cycle or cycles)) and (elevator or elevators) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:04 |
| S58 | 31 | ((bend or bends or bending or bent) near (cycle or cycles or cyclic or cyclically)) and (elevator or elevators) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:04 |
| S59 | 5 | S58 not S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 17:04 |
| S60 | 867 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S61 | 492 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |

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|-----|-----|---------------|--|----|----|---------------------|
| S62 | 421 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S63 | 366 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S64 | 635 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S65 | 244 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S66 | 268 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S67 | 290 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S68 | 81 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S69 | 334 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S70 | 118 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S71 | 508 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S72 | 399 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:09 |
| S73 | 294 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:10 |
| S74 | 962 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:10 |

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|-----|-----|--|--|----|----|---------------------|
| S75 | 657 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:10 |
| S76 | 360 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:10 |
| S77 | 37 | (US-20020160667-\$ or US-20020194935-\$ or US-2003001119-\$ or US-20030011483-\$ or US-20040046540-\$ or US-20030226347-\$ or US-20030131913-\$).did. or (US-4064971-\$ or US-4434873-\$ or US-5182779-\$ or US-5745533-\$ or US-5804964-\$ or US-5821430-\$ or US-5932852-\$ or US-5945594-\$ or US-6133731-\$ or US-6247359-\$ or US-6364062-\$ or US-6422089-\$ or US-6653943-\$ or US-6662660-\$ or US-6752029-\$ or US-6526368-\$ or US-6405833-\$ or US-6318506-\$ or US-5921352-\$ or US-5716466-\$ or US-4465161-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$ or JP-08261972-\$ or JP-2001302135-\$ or JP-11199153-\$ or JP-09178611-\$).did. or (GB-2231689-\$ or JP-09178611-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2004/11/20 18:29 |
| S78 | 17 | S77 and (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:29 |
| S79 | 0 | S77 and ((deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) same (sheave or sheaves) same (passengers)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:32 |

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| S80 | 2 | S77 and ((deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) same (passengers)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:30 |
| S81 | 19 | S77 and (sheave or sheaves) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:32 |
| S82 | 833 | (monitor or monitors or monitoring or monitored) with (elevator or elevators).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:33 |
| S83 | 833 | ((monitor or monitors or monitoring or monitored) with (elevator or elevators)).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:33 |
| S84 | 9 | ((monitor or monitors or monitoring or monitored) with (elevator or elevators)).ti. and (sheave or sheaves) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 18:35 |
| S85 | 2 | ("4936136").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/20 18:35 |
| S86 | 5 | ("4936136").URPN. | USPAT | OR | ON | 2004/11/20 18:35 |
| S87 | 6 | ("2016332" I "3382713" I "3921536" I "4630472").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/20 19:12 |
| S88 | 0 | "number of sheaves" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/20 19:12 |
| S89 | 321 | (number adj sheaves) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/20 19:13 |
| S90 | 36 | (number adj sheaves) and (elevator or elevators) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/20 19:13 |
| S91 | 1 | JP07341596 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/20 19:25 |
| S92 | 1 | 1997-406489.NRAN. | DERWENT | OR | ON | 2004/11/20 19:25 |

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| S93 | 44 | (US-20020160667-\$ or US-20020194935-\$ or US-20030001119-\$ or US-20030011483-\$ or US-20030131913-\$ or US-20030226347-\$ or US-20040046540-\$).did. or (US-4064971-\$ or US-4434873-\$ or US-4465161-\$ or US-4936136-\$ or US-5182779-\$ or US-5233139-\$ or US-5578801-\$ or US-5716466-\$ or US-5745533-\$ or US-5804964-\$ or US-5821430-\$ or US-5921352-\$ or US-5932852-\$ or US-5945594-\$ or US-5992574-\$ or US-6073728-\$ or US-6133731-\$ or US-6247359-\$ or US-6318506-\$ or US-6325179-\$ or US-6364062-\$ or US-6405833-\$ or US-6422089-\$ or US-6526368-\$ or US-6653943-\$ or US-6662660-\$).did. or (US-6752029-\$).did. or (US-2016332-\$).did. or (JP-06305649-\$ or JP-08261972-\$ or JP-09178611-\$ or JP-11199153-\$ or JP-2001302135-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$ or JP-09178611-\$).did. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/12/21 17:16 |
| S94 | 2 | S93 and (rate with (degrade or degrades or degrading or degradation or degradations or degraded)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:20 |
| S95 | 96 | (elevator or elevators) with (traffic or use) with (pattern or patterns) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/21 17:56 |
| S96 | 0 | S93 and S95 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |

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|------|------|--|---|----|----|------------------|
| S97 | 3 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S98 | 0 | S93 and S97 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S99 | 11 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S100 | 0 | S93 and S99 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S101 | 6286 | (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S102 | 0 | S93 and S101 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S103 | 840 | (elevator or elevators or lift or lifts)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S104 | 0 | S93 and S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |

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|------|-----|--|---|----|----|------------------|
| S105 | 545 | (elevator or elevators or lift or lifts) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:58 |
| S106 | 0 | S93 and S105 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S107 | 294 | (elevator or elevators)) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S108 | 0 | S93 and S107 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S109 | 294 | (elevator or elevators)) with ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S110 | 0 | S93 and S109 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S111 | 0 | S93 and S107 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S112 | 381 | (elevator or elevators)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S113 | 0 | S93 and S112 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S114 | 82 | (rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S115 | 5 | S93 and S114 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:00 |

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|------|-----|---|---|----|----|------------------|
| S116 | 72 | (otis and elevator).asn. and ((sheave or sheaves) with (alignment or alignments or misalignments or alignment or contact or contacts)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S117 | 4 | S93 and S116 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S118 | 69 | ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) and (otis and elevator).asn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S119 | 0 | S93 and S118 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 17:59 |
| S120 | 891 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S121 | 492 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S122 | 426 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S123 | 371 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S124 | 642 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S125 | 287 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S126 | 302 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S127 | 353 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |

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|------|------|--|--|----|-----|---------------------|
| S128 | 88 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S129 | 358 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S130 | 124 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S131 | 607 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S132 | 473 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S133 | 359 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S134 | 1262 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S135 | 895 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S136 | 491 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S137 | 942 | (S120 S121 S122 S123 S124 S125 S126 S127 S128 S129 S130 S131 S132 S133 S134 S135 S136) and @pd>="20041120" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 18:44 |
| S138 | 2 | S137 and (elevator or elevators) with (traffic or use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/21 18:47 |
| S139 | 0 | S137 and (lift) with (traffic or use) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/21 18:47 |
| S140 | 945 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |

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|------|-----|---------------|--|----|----|---------------------|
| S141 | 498 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S142 | 452 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S143 | 384 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S144 | 663 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S145 | 355 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S146 | 364 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S147 | 456 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S148 | 115 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S149 | 402 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S150 | 134 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S151 | 812 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S152 | 635 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S153 | 483 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |

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|------|------|--|--|----|-----|---------------------|
| S154 | 1820 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S155 | 1320 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S156 | 700 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:26 |
| S157 | 1704 | (S140 S141 S142 S143 S144 S145 S146 S147 S148 S149 S150 S151 S152 S153 S154 S155 S156) and @pd>="20051221" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:42 |
| S158 | 130 | S157 and elevator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:42 |
| S159 | 18 | ((("20020194935") or ("20040046540") or ("6405833") or ("6752029") or ("6662660") or ("5804964") or ("6247359") or ("6133731") or ("5821430")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 11:44 |
| S160 | 4 | ((("6260004") or ("6330525")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 11:44 |
| S161 | 10 | ((("6167965") or ("5941305") or ("5892860") or ("6092598") or ("6368068")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 11:45 |
| S162 | 5 | ((("6904797") or ("7004020")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 11:46 |
| S164 | 4314 | elevator and sheave | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:10 |
| S165 | 109 | (elevator or elevators) with (traffic or use) with (pattern or patterns) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/14 13:12 |

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|------|----|---|---|----|----|------------------|
| S166 | 23 | (predict or predicts or predicting or predicted or prediction or predictions) same ((elevator or elevators) with (rope or ropes or cable or cables)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S167 | 76 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same ((elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S168 | 3 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same ((elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S169 | 23 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same ((elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S170 | 27 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |

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|------|----|--|---|----|----|------------------|
| S171 | 29 | (predict or predicts or predicting or predicted or prediction or predictions) with (ropes or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S172 | 97 | (ropes or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S173 | 0 | ((rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S174 | 12 | (US-20020160667-\$ or US-20020194935-\$ or US-20030001119-\$ or US-20030011483-\$).did. or (US-4064971-\$ or US-4434873-\$ or US-5182779-\$ or US-5745533-\$ or US-5804964-\$ or US-5821430-\$ or US-5932852-\$ or US-5945594-\$ or US-6133731-\$ or US-6247359-\$ or US-6364062-\$ or US-6422089-\$ or US-6653943-\$ or US-6662660-\$ or US-6752029-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2008/02/14 13:12 |
| S175 | 2 | S174 and (resistance or resistances) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |

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|------|-----|---------------|--|----|----|---------------------|
| S176 | 959 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S177 | 502 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S178 | 457 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S179 | 385 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S180 | 668 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S181 | 400 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S182 | 407 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S183 | 482 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S184 | 120 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S185 | 415 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S186 | 138 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S187 | 875 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S188 | 674 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |

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|------|------|---|--|----|-----|---------------------|
| S189 | 508 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S190 | 1970 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S191 | 1400 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S192 | 744 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S193 | 425 | (S165 S166 S167 S168 S169 S170 S171 S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182 S183 S184 S185 S186 S187 S188 S189 S190 S191 S192) and @pd>="20070917" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/14 13:12 |
| S194 | 2 | ("6405833").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/14 13:15 |
| S195 | 2 | ("20020194935").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/14 13:16 |
| S196 | 44 | (US-20030001119-\$ or US- 20020160667-\$ or US- 20020194935-\$ or US- 20030131913-\$ or US- 20030011483-\$ or US- 20040046540-\$ or US- 20030226347-\$).did. or (US- 5578801-\$ or US-6526368-\$ or US-6405833-\$ or US- 4465161-\$ or US-5932852-\$ or US-5945594-\$ or US- 5921352-\$ or US-6662660-\$ or US-5182779-\$ or US- 6653943-\$ or US-5716466-\$ or US-5804964-\$ or US- 6422089-\$ or US-5745533-\$ or US-6752029-\$ or US- 6364062-\$ or US-4936136-\$ or US-5992574-\$ or US- 5233139-\$ or US-6325179-\$ or US-6073728-\$ or US- 6133731-\$ or US-6247359-\$ or US-5821430-\$ or US- 6318506-\$ or US-4434873-\$). | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2008/02/14 13:18 |

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|------|-----|--|---|----|----------------------|
| | | did or (US-4064971-\$).did or (US-2016332-\$).did or (JP-11199153-\$ or JP-08261972-\$ or JP-2003104656-\$ or JP-2001302135-\$ or JP-09178611-\$ or JP-06305649-\$ or JP-2003137484-\$).did or (JP-09178611-\$ or GB-2231689-\$).did | | | |
| S197 | 0 | S196 and degradation with load | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:18 |
| S198 | 4 | S196 and rate with load | US-PGPUB; USPAT; EPO; JPO; DERWINT; IBM_TDB | OR | ON 2008/02/14 13:18 |
| S199 | 2 | elevator same (rate with degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:19 |
| S200 | 191 | elevator same (rate with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:20 |
| S201 | 6 | elevator same (degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:27 |
| S202 | 19 | elevator.ab. and (degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:33 |
| S203 | 2 | elevator.ab. and ((rate or change) with degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/14 13:36 |
| S204 | 22 | ((20020194935") or ("7237656") or ("20040046540") or ("6123176") or ("6405833") or ("6752029") or ("6662660") or ("5804964") or ("6247359") or ("6133731") or ("5821430")).PN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF 2008/02/19 08:40 |
| S205 | 239 | 702/42.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON 2008/02/19 08:58 |
| S206 | 2 | ("5952935") PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF 2008/02/19 09:07 |

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|------|-----|--|---|----|-----|------------------|
| S207 | 111 | (elevator or elevators) with (traffic or use) with (pattern or patterns) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 12:52 |
| S208 | 26 | (predict or predicts or predicting or predicted or prediction or predictions) same ((elevator or elevators) with (rope or ropes or cable or cables)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S209 | 85 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S210 | 3 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S211 | 28 | ((rope or ropes or cable or cables) with (failure or failures or fault or faulting or faulted or faults or deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or wear or wearing) same (elevator or elevators or lift or lifts)) and ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |

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|------|-----|--|---|----|----|------------------|
| S212 | 28 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S213 | 30 | (predict or predicts or predicting or predicted or prediction or predictions) with (rope or ropes or cable or cables) with (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S214 | 102 | (rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S215 | 0 | ((rope or ropes or cable or cables) with (rate or rates) near2 (deterioration or deteriorations or deteriorate or deteriorates or deteriorating or deteriorated or degradation or degrade or degrades or degrading or degraded or degradations or wear)) same ((pattern or patterns or trend or trends) with (use or traffic or operation or operations or operational)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |

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|------|-----|--|---|----|----|------------------|
| S216 | 11 | (US-20020160667-\$ or US-20020194935-\$ or US-20030001119-\$ or US-20030011483-\$).did. or (US-4064971-\$ or US-4434873-\$ or US-5182779-\$ or US-5745533-\$ or US-5804964-\$ or US-5821430-\$ or US-5932852-\$ or US-5945594-\$ or US-6133731-\$ or US-6247359-\$ or US-6364062-\$ or US-6422089-\$ or US-6653943-\$ or US-6662660-\$ or US-6752029-\$).did. or (JP-06305649-\$ or JP-2003104656-\$ or JP-2003137484-\$).did. or (GB-2231689-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2009/02/27 12:52 |
| S217 | 2 | S216 and (resistance or resistances) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S218 | 990 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S219 | 510 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S220 | 484 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S221 | 400 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S222 | 685 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S223 | 470 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S224 | 490 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S225 | 545 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |

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|------|------|---|--|----|-----|---------------------|
| S226 | 133 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S227 | 453 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S228 | 148 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S229 | 997 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S230 | 743 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S231 | 577 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S232 | 2257 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S233 | 1609 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S234 | 855 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S235 | 1462 | (S207 S208 S209 S210 S211 S212 S213 S214 S215 S216 S217 S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232 S233 S234) and @pd>="20070917" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S236 | 2 | ("6405833").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 12:52 |
| S237 | 2 | ("20020194935").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 12:52 |

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|------|-----|---|---|----|----|------------------|
| S238 | 41 | (US-20030001119-\$ or US-20020160667-\$ or US-20020194935-\$ or US-20030131913-\$ or US-20030011483-\$ or US-20040046540-\$ or US-20030226347-\$).did. or (US-5578801-\$ or US-6526368-\$ or US-6405833-\$ or US-4465161-\$ or US-5932852-\$ or US-5945594-\$ or US-5921352-\$ or US-6662660-\$ or US-5182779-\$ or US-6653943-\$ or US-5716466-\$ or US-5804964-\$ or US-6422089-\$ or US-5745533-\$ or US-6752029-\$ or US-6364062-\$ or US-4936136-\$ or US-5992574-\$ or US-523139-\$ or US-6325179-\$ or US-6073728-\$ or US-6133731-\$ or US-6247359-\$ or US-5821430-\$ or US-6318506-\$ or US-4434873-\$).did. or (US-4064971-\$).did. or (US-2016332-\$).did. or (JP-11199153-\$ or JP-08261972-\$ or JP-2003104656-\$ or JP-2001302135-\$ or JP-09178611-\$ or JP-06305649-\$ or JP-2003137484-\$).did. or (JP-09178611-\$ or GB-2231689-\$).did. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2009/02/27 12:52 |
| S239 | 0 | S238 and degradation with load | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S240 | 4 | S238 and rate with load | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S241 | 2 | elevator same (rate with degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S242 | 204 | elevator same (rate with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S243 | 6 | elevator same (degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |

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|------|------|--|---|----|-----|------------------|
| S244 | 20 | elevator ab. and (degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S245 | 3 | elevator ab. and ((rate or change) with degradation with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S246 | 22 | (("20020194935") or ("7237656") or ("20040046540") or ("6123176") or ("6405833") or ("6752029") or ("6662660") or ("5804964") or ("6247359") or ("6133731") or ("5821430")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 12:52 |
| S247 | 285 | 702/42.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S248 | 2 | ("5952935").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 12:52 |
| S249 | 1093 | (S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232 S233 S234 S235 S236 S237 S238 S239 S240 S241 S242 S243 S244 S245 S246 S247 S248) and @pd>="20080214" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:52 |
| S250 | 62 | (S238 S239 S240 S241 S242 S243 S244 S245 S246 S247 S248) and @pd>="20080214" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 12:54 |
| S251 | 428 | (elevator) and ((cable or rope) with (resistance)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 13:03 |
| S252 | 3 | (elevator) and ((cable or rope) with (resistance)) and ((rate near3 (degrad\$6)) or (model \$5 near3 elevator) or (elevator near3 (pattern or traffic))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 13:06 |
| S253 | 8 | (elevator) same (degrad\$6 with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 13:10 |
| S254 | 2 | ("7123030") PN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 13:12 |

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|------|-----|--|--|----|-----|---------------------|
| S255 | 2 | ("6633159").PN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/27 13:13 |
| S256 | 22 | ("20020194935") or ("7237656") or ("20040046540") or ("6123176") or ("6405833") or ("6752029") or ("6662660") or ("5804964") or ("6247359") or ("6133731") or ("5821430"). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/02 07:47 |
| S257 | 220 | (constant near3 load) and (rate with degradation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:13 |
| S258 | 56 | (constant near3 load) and (rate with degradation) and (elevator or elevators or lift or lifts) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:13 |
| S259 | 4 | (constant near3 load) same (rate with degradation) and (elevator or elevators or lift or lifts) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:14 |
| S260 | 1 | (constant near3 load) same (rate with degradation) same (rope or tensile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:14 |
| S261 | 1 | (constant near3 load) same (rate with degrad\$6) same (rope or tensile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:15 |
| S262 | 1 | (constant near3 load) same (rate with degrad\$6) same (rope or tensile or cord or strand or cable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:15 |
| S263 | 4 | (constant near3 load) same (rate with degrad\$6) and (rope or tensile or cord or strand or cable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:15 |
| S264 | 0 | (constant near3 load) same (rate with degrad\$6) same resistance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:17 |
| S265 | 0 | (constant near3 load) same (rate with degrad\$6) same resistence | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:17 |
| S266 | 0 | (load) same (rate with degrad \$6) same resistance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:17 |

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|------|-----|---|---|----|----|------------------|
| S267 | 0 | (constant near ³ load) same (rate) same resistance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:17 |
| S268 | 314 | (constant near ³ load) same (rate) same (resistence or resistance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:17 |
| S269 | 32 | (constant near ³ load) same (rate) same (resistence or resistance) same (rope or tensile or cord or strand or cable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:18 |
| S270 | 17 | (constant near ³ load) same ((rate or time) near ³ (degrad \$8)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:21 |
| S271 | 1 | (cable or cord or tensile) same (fatigue) same (bend adj cycles) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:23 |
| S272 | 20 | (cable or cord or tensile) same (bend adj cycles) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:24 |
| S273 | 105 | (cable or cord or tensile) same (bend\$5 adj cycles) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:24 |
| S274 | 7 | test\$5 with (cable or cord or tensile or rope) and (bend adj cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:25 |
| S275 | 7 | (test\$5 with (cable or cord or tensile or rope)) and (bend adj cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:25 |
| S276 | 4 | (resistance or resistance) with (bend adj cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:26 |
| S277 | 9 | (resistance or resistance) same (bend adj cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:27 |
| S278 | 64 | (resistance or resistance) same (bend\$5 adj cycle) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:27 |
| S279 | 23 | ("5834942") URPN. | USPAT | OR | ON | 2009/10/13 10:34 |

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| S280 | 7 | ("4803888" I "5146611" I "5195393" I "5262234" I "5477152" I "5565784" I "5566786").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:34 |
| S281 | 10 | (S279 S280) and rate | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:34 |
| S282 | 2 | ("6608487").URPN. | USPAT | OR | ON | 2009/10/13 10:49 |
| S283 | 2 | ("5834942" I "6289742").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:49 |
| S284 | 3 | (S282 S283) and load | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:49 |
| S285 | 0 | (S282 S283) and (constant near3 load) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:50 |
| S286 | 1 | (de adj angelis).in. and (constant near3 load) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:50 |
| S287 | 509 | elevator and (constant near3 load) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:50 |
| S288 | 17 | elevator and (test with (constant near3 load)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:51 |
| S289 | 17 | elevator and (testS5 with (constant near3 load)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/13 10:51 |
| S290 | 58 | (US-20030001119-\$ or US-20020160667-\$ or US-20020194935-\$ or US-20030131913-\$ or US-20030011483-\$ or US-20040046540-\$ or US-20030226347-\$ or US-20070168159-\$ or US-20040154876-\$ or US-20040016604-\$ or US-20050087404-\$ or US-20020059834-\$).did. or (US-5578801-\$ or US-6526368-\$ or US-6405833-\$ or US-4465161-\$ or US-5932852-\$ or US-5945594-\$ or US-5921352-\$ or US-6662660-\$ or US-5182779-\$ or US-6653943-\$ or US-5716466-\$ or US-5804964-\$ or US-6422089-\$ or US-5745533-\$ or US-6752029-\$ or US-6364062-\$ or US-4936136-\$ or US-5992574-\$ or US-5233139-\$ or US-6325179-\$ or US-6073728-\$ or US-6133731-\$ or US-6247359-\$ or US-5821430-\$ or US-6318506-\$ or US-4434873-\$).did. or (US-4064971-\$ or US-5834942-\$ or US-6123176-\$ or US-7237656-\$ or US- | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2009/10/13 10:55 |

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|------|----|---|---|----|-----|------------------|
| | | 7117981-\$ or US-5728953-\$ or US-7123030-\$ or US-6633159-\$ or US-6608487-\$). did. or (US-2016332-\$).did. or (JP-11199153-\$ or JP-08261972-\$ or JP-2003104656-\$ or JP-2001302135-\$ or JP-09178611-\$ or JP-06305649-\$ or JP-2003137484-\$ or JP-01203187-\$).did. or (JP-09178611-\$ or GB-2231689-\$ or WO-2005095250-A-\$). did. | | | | |
| S291 | 5 | S290 and (constant with load \$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 10:55 |
| S292 | 2 | ("7237656").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 10:58 |
| S293 | 1 | inventio.asn. and elevator and (break\$5 with number with load) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 11:06 |
| S294 | 74 | ((cable or cord or tensile or rope)) same ((number near3 (bend\$5)) with (break\$5 or fail \$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 11:08 |
| S295 | 7 | ((cable or cord or tensile or rope)) same ((number near3 (bend\$5)) with (break\$5 or fail \$5)) and (constant with load \$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 11:11 |
| S296 | 7 | ((cable or cord or tensile or rope)) same ((number near3 (bend\$5)) with (break\$5 or fail \$5)) and (constant with load \$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/13 11:11 |
| S297 | 2 | ("20070168159").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 11:22 |
| S298 | 25 | (("20020194935") or ("6260343") or ("20040046540") or ("6608487") or ("6123176") or ("6405833") or ("6752029") or ("6662660") or ("5804964") or ("6247359") or ("6133731") or ("5821430")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/13 11:41 |

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|------|------|---|--|----|----|---------------------|
| S300 | 2637 | elevator and map | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:30 |
| S301 | 3848 | elevator and map\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:30 |
| S302 | 52 | elevator and (map\$5 with (degrad\$7 or strength)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S303 | 1022 | 187/391.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S304 | 522 | 187/392.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S305 | 514 | 187/393.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S306 | 415 | 187/394.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S307 | 696 | 187/414.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S308 | 517 | 702/33.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S309 | 562 | 702/34.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S310 | 604 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S311 | 147 | 702/36.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S312 | 500 | 702/41.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |

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|------|------|--|--|----|----|---------------------|
| S313 | 153 | 702/43.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S314 | 1114 | 702/57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S315 | 841 | 702/64.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S316 | 655 | 702/65.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S317 | 2535 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S318 | 1802 | 702/183.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S319 | 944 | 702/185.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S320 | 324 | (S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319) and @pd>="20091013" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:31 |
| S321 | 3043 | (S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319) and (elevator or lift) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:32 |
| S322 | 209 | (S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319) and (elevator or lift) and (degrad\$7 or deterior \$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:33 |
| S323 | 52 | elevator and (map\$5 with (degrad\$7 or deterior\$5 or strength)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/26 17:35 |

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